TACOM - ACALA

CHEMICAL NEWSLETTER

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TACOM



ACALA

DEPARTMENT OF THE ARMY
UNITED STATES ARMY TANK - AUTOMOTIVE AND ARMAMENTS COMMAND
ARMAMENT AND CHEMICAL ACQUISITION AND LOGISTICS ACTIVITY
AMSTA-AC-CTC
ROCK ISLAND, IL 61299-7630

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OF THE CHEMICAL NEWSLETTER
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TACOM - ACALA CHEMICAL NEWSLETTER

31 JANUARY 1997

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TACOM-ACALA DA FORM 2028 CURRENT ADDRESS

As a reminder to all users, any changes to TACOM-ACALA Defensive Chemcial Equipment Technical Manual's (TM) (Protective, Detector/Alarms, Smoke/Decon) will be sent to the following address via DA Form 2028, DA Form 2028-2, e-mail to:

Director

Armament and Chemical Acquisition and Logistic Activity (ACALA)

ATTN: AMSTA-AC-NML Rock Island, IL 61299-7630

E-Mail: AMSTA-AC-NML@ria-emh2.army.mil

AFTER DUTY HOURS - EMERGENCY REQUISITIONS - ACALA

Use the following DSN phone number for requisition processing after duty hours:

DSN 793-4815

DSN phone number is for the Rock Island Arsenal Police. They will then contact for you, by beeper, the requisition processing person on duty at that time.

The POC is Roberta Wright, Item Manager, AMSTA-AC-CTC-P DSN 793-5757, FAX 793-1919, e-mail: rwright@ria-emh2.army.mil

CONVERSION OF M8 CHEMICAL AGENT ALARMS (CAA) TO M8A1 CAA

Due to the procurement freeze imposed by the Undersecretary of the Army during production of the M8A1 CAA (NSN 6665-01-105-5623, LIN A32355), a shortage exists in the field at this time. This activity will release M43A1 Chemical Agent Detectors (CAD) (NSN 6665-01-081-8140) to convert the old M8 CAA into an M8A1 CAA. You may requisition an M43A1 CAD for conversion if you have an authorized M8A1 shortage, and also show M8 assets on hand. Your requisition must include a Type Requirement Code (TRC) of 4A in card column 55 & 56. The current DBOF price is \$6,514. Once you swap out detectors, make sure your M8 CAA (LIN A32060) is replaced with a M8A1 CAA (LIN A32355) in your property books and CBS-X. Also; make sure that you have completed the radiation safety training that is required before you receive this radioactive item.

The POC is Chris Sample, Item Manager, AMSTA-AC-CTC-D, DSN 793-5131, FAX 793-1919, e-mail: csample@ria-emh2.army.mil

EXTENSION OF SHELF LIFE FOR M273 MAINTENANCE KITS, NSN 5180-01-108-1729, USED ON M8A1 CHEMICAL AGENT ALARM (CAM)

This is to notify you of shelf life extensions on M273 Maintenance Kits from the following lots:

LOT NO.

NEW EXPIRATION DATE

BDD86L001-011	1 MAR 97
(NOTE: These will be retested in M	arch and may be re-extended until
•	ed of status after tests are completed.)
BDD86D001-004	1 MAY 97
BDD86E001-004	1 MAY 97
BDD86G001-007	1 JUL 97

Kits from lot #BDD86A001-016 had been extended until 1 Jan 97 and have now expired. DO NOT discard these yet, because this lot will be retested somtime in January and may be reextended until 1 Aug 97. You will be notified of status after tests are completed.

Lot #BDD86F001-005 was tested and failed. Any kits from this lot should be reported excess through the FTE process.

Any M273 kits you requisition now will be back ordered or filled with stock having only 6 months or less shelf life, depending on priority of the requisition. New kits are scheduled for delivery in Mar 97.

If you just need filter paddles, order the M293 Maintenance Kit, NSN 5180-01-379-6409. This kit contains 20 filter paddles and has no shelf life. This kit DOES NOT replace the M273 kit, but is offered as an alternative if you don't need simulent paddles.

The POC is Denise Stewart, Item Manager, AMSTA-AC-CTC-D, DSN 793-6598, FAX 793-1919, e-mail: dstewar1@ria-emh2.army.mil

ACALA MAINTENANCE ADVISORY MESSAGE (97-07) CONCERNING WIPE TEST SAMPLES FOR THE M43A1 CHEMICAL AGENT DETECTOR (CAD), NSN 6665-01-081-8140, CHEMICAL AGENT MONITOR (CAM) NSN 6665-01-199-4153 AND MANDATORY ADDRESS

- 1. **DISTRIBUTION:** This is a Maintenance Advisory Message that has not been transmitted to subordinate units. MACOM Commanders will immediately retransmit this message to all subordinate units, activities, or elements affected or concerned. Retransmittal shall reference this message. MACOM Commanders will verify receipt when retransmitting this message by sending an info copy of the retransmittal to Director, ACALA, ATTN: AMSTA-AC-CTC-D, Rock Island, IL 61299-7630.
- 2. PROBLEM/DISCUSSION: It has come to our attention, that many units in the field are not providing all the information on the small envelope that contains the wipe test sample for the M43A1 CAD and CAM. This information is required to expedite the turn around time for wipe test results from the Rock Island Arsenal Laboratory. The following information is mandatory (ref ACALA SOUM 95-04) when sending samples to be analyzed:
 - a. M43A1 Chemical Agent Detector:
 - (1) Record Serial Number of Detector
 - (2) Record Serial Number of Cell
 - (3) Record Name and Location of Unit
 - (4) Include A Valid Fax and POC Telephone Number
 - b. Chemical Agent Monitor:
 - (1) Record Serial Number of CAM
 - (2) Record Serial Number of Drift Tube
 - (3) Record Name and Location of Unit
 - (4) Include A Valid FAX and POC Telephone Number
 - c. Send all Wipe Test Samples to the following address:

Commander
Rock Island Arsenal
Bldg 210, 4th Floor (Radiation Leak Test Samples)
ATTN: SIORI-SEM-L
Rock Island, IL 61299-5000

The POC is Dick Sommers, Equipment Specialist, AMSTA-AC-CTC-D DSN 793-0849, FAX 793-1919, e-mail: rsommers@ria-emh2.army.mil

CONTACT LENS WEAR FOR U. S. ARMY AVIATORS

REFERENCE: MEMORANDUM FOR WORLD-WIDE DISTRIBUTION (CHEMICAL, MEDICAL, AVIATION COMMANDS), FROM U.S. ARMY HEALTH PROFESSIONAL SUPPORT AGENCY (SGPS-CP), 24 JAN 1992, SAB.

REWRITTEN IN ITS ENTIRETY BELOW:

- 1. The purpose of this memorandum is to state policy and procedures in force as contact lens wear by Army Aircrew is transitioned from a research and development protocol to a clinical program.
- 2. Waiver of Army Medical Department (AMEDD) regulations prohibiting the wear of contact lenses by army aviation continues for those aircrew fit by Army Optometry under the U. S. Army Aeromedical Research Laboratory (USAARL) research protocol.
- 3. During this interim period, no new aviators will be fitted for contact lenses. The only exceptions to this policy will be those pilots attending the Apache Qualifications Course and Apache units not previously fitted. At this time the only Apache unit identified as not being fitted is the battalion at Fort Polk Louisiana.
- 4. The AMEDD will continue to provide professional care and replacement contact lenses to the approximately 582 active component aviators fit with contact lenses through FY 92 as long as they continue to be assigned to active flying positions. In FY 93, the Office of The Surgeon General (OTSG) expects aviation units to purchase contact lenses as a medical item.
- 5. USAARL will continue to act as the central point of procurement and distribution for contact lenses using funds provided by OTSG for the purchase of lenses and materials. OTSG funding is available thru FY 92.
- 6. In order to effect transition to a clinical program and meet Medical POM deadlines for FY 94-99, request the U. S. Amry Aviation Center formulate their requirements by the end of January 1992. Once requirements are know, elements of Aviation, AMEDD, and Army Staffs can meet to determine force structure and resources necessary to support this new mission.
- 7. Point of contact is SGPS-CP, DSN 289-0152/COM 703-756-0152.

FOR THE SURGEON GENERAL

The POC is Twyla Lingard, Item Manager, AMSTA-AC-CTC-P DSN 793-7545, FAX 793-1919, e-mail: tlingard@ria-emh2.army.mil

RESIZING M40/M42 SERIES MASKS IN UNITS

- 1. The turn-in instructions for FACEPIECE, BREATHING ASSEMBLIES for M40/M42 series masks are:
- a. If the REQ VAL report shows no shortages, the requisitions will be for repair parts: FACEPIECE, BREATHING ASSEMBLY:

instead of total masks. Units are to use the available repair parts instead of mask replacement. REPAIR MASKS IAW: TM 3-4240-343-20&P, Unit Maintenance Manual for CB Mask: Combat Vehicle M42/M42A1/M42A2, dtd 31 Jul 96 (this manual is in the army system as of Oct 96). TM 3-4240-343-20&P is replacing part of the old TM 3-4240-300-20&P, dtd Aug 94 and TM 3-4240-300-20&P, Unit Maintenance Manual for CB Mask: Field: M40/M40A1, dtd 31 Jul 96 (this manual will be out the end of Nov 96). This manual is replacing the rest of the old TM 3-4240-300-20&P, dtd Aug 94.

TO USE THE STANDARD SUPPLY SYSTEM IAW AR 725-50, CHAPTER 7, "REPORT OF EXCESS" DOCUMENT TO TURN-IN FACEPIECE, BREATHING ASSEMBLIES INSTEAD OF M40 SERIES MASKS AND REQUISITION REPLACEMENT FACEPIECE, BREATHING ASSEMBLIES IAW THE REST OF AR 725-50.

- b. If the REQ VAL report shows shortages, the requisitions will be for M40 Series Masks to fill the shortage and only the shortage with "FREE ISSUE" Masks, but anything above the authorized plus five percent sizing float, unit will have to requisition facepiece, breathing assemblies.
- 2. The following information is provided for corrections in the unit property books:
 - a. Reference Unit: Supply UPDATE 2-14, dated 28 Feb 94.
- b. AR 710-2 paragraph 2-5.0, about minor property book adjustments using Administrative Adjustment Report (AAR).
- c. DA PAM 710-2-1, paragraph 4-18, NSN changes using the AAR, DA Form 4949 to make corrections.
- 3. The procedures to change the wrong size masks within a unit(s), which have shortages to their authorizations are:
- a. To requisition proper size masks use project code "DJZ". This will notify B14 that the requisition is to proper size, for the unit. Also; use requirement code (card column 55 & 56) "26" if the unit is already short of masks, the preferred method is to reference turn-in document number in the remarks block.
- b. If the unit is requisitioning for more that for itself, the requisitions must have exception data in the remarks block listing the other units that are to be resized.

The POC is Frank Fuoto, JR., Item Manager, AMSTA-AC-CTC-P DSN 793-4285, FAX 793-1919, e-mail: ffuoto@ria-emh2.army.mil

M40/M42 SERIES FACEPIECE, BREATHING ASSEMBLY AS A REPAIR PART

REFERENCE ADVISORY MESSAGE 121840Z AUG 96 SAB

BACKGROUND: A cost savings idea has been implemented which makes the facepiece breathing assembly a repair part. Previously when a mask facepiece is not repairable at unit level the entire mask and all accessories are turned-in. Under the new procedure, all the accessories will be retained and only the unserviceable mask facepiece breathing assembly is turned-in resulting in a considerable savings to the Army.

- a. Unit OMA funding will be required to pay for the replacement facepiece breathing assembly, and other associated accessories or parts.
- b. Initial issue or additional complete mask assembly requirements as a result of authorization increases will remain free issues.

NOTE: The complete Mask Assembly is a facepiece breathing assembly with all other accessories.

PROCEDURE: As of 1 Oct 96 the following procedures are in affect.

- a. When a facepiece breathing assembly (a facepiece with all it's basic components installed, to include headharness) becomes unserviceable, beyond TM 3-4240-300-20&P repair level, the facepiece will be reported as excess unserviceable for disposition in accordance with AR 725-50, Chapter 7. (Reply to report of excess, will have the ship to address.)
- b. A replacement facepiece breathing assembly will be requisitioned. (Size changes are permissable).

SIZE	NSN	UNIT PRICE
Small	4240-01-415-4517	\$52.57
Medium	4240-01 - 415-4518	\$52.57
Large	4240-01-416-0430	\$52.57

c. In addition to the new replacement facepiece assembly for the M42 and M42A1 Masks a detachable external Microphone Assembly, NSN 5965-01-414-2257, @ \$14.32 will also need to be requisitioned. For M42's (only) a Hose Assembly (detachable), NSN 4240-01-378-6479 @ \$28.05 will also be required.

NOTE: With the addition of the new detachable external Microphone Assembly to the new Facepiece Breathing Assembly the mask becomes an M42A2. The operator TM 3-4240-343-10, dtd Mar 96 should be requested from publications for each new mask.

d. M42/M42A1 series mask users may also request a new larger mask carrier specifically for the M42 series, NSN 4240-01-399-3350 @ \$12.37.

M40/M42 SERIES FACEPIECE, BREATHING ASSEMBLY AS A REPAIR PART - CONTINUED

- e. All mask accessories (i.e., Second Skin, Optical Inserts, Outserts, Mask and Canister Carriers, (TM, should be replaced with TM 3-4240-343-10) Plastic Bag M1, Canister (Hose M42A1's only) will be retained by the unit to be reused with the replacement Facepiece Breathing Assembly.
- f. The unserviceable Facepiece Breathing Assembly to be turned-in must be complete with all it's basic components; (all Valves, side Voicemitter, Headharness, Outlet Valve Cover, Internal and External Drink Tubes, Airflow Deflector, Outlet Valve Cover (Microphone and Cable M42's) and Faceforms).

g. PACKAGING

- (1) Loosen Headharness Straps and install packaging faceform into Mask Facepiece cavity. Secure Microphone Cable in faceform cavity with a piece of tape (M42/M42A1's only). Place M42 Hose curled in the faceform cavity. Tighten the Headharness straps evenly around faceform.
- (2) Wrap Mask Facepiece with one complete turn of cushioning material TM 3-4240-300-20&P (Item 20, App D). Overlap and secure ends with tape (Item 21, App D).
- (3) Place Facepiece Assembly packaged as above, (maximum ten each) in one layer into a weather-resistant shipping container (Item 19, App D) or equivalent. The voids in box shall be filled with cushioning material (Item 20, App D).
- (4) OCONUS locations, should pack the shipping container into a wooden shipping container (Item 19, App D). Use six cleated box fasteners to secure box lid, applying two on each side and one on each end.
- (5) Secure a shipping document envelope on the side of the shipping container with an enclosed DD Form 134 for each NSN being shipped (AR 725-50, Sec II, PAR 7-11).
 - h. TM's will be revised to reflect the above change in the next revision.

The POC is Frank Fuoto, JR., Item Manager, AMSTA-AC-CTC-P DSN 793-4285, FAX 793-1919, e-mail: ffuoto@ria-emh2.army.mil

M40/M42 SERIES MASK TECHNICAL MANUAL (TM) UPDATE

- 1. Having the latest TM's on hand is important. Many significant changes have been made in the past and others are in process. Be sure your PINPOINT DISTRIBUTION list is up to date, with the M40/M42 Series Mask listed, so you will automatically receive all changes when published.
- 2. All future mask TM's will be joint service manuals. The top TM number is the Army number. The "PIN" number is located on the right bottom corner of the back page.
- 3. The following is the latest update on the M40/M42 Series Mask manuals:

TM 3-4240-300-20&P

31 Jul 96

TM 3-4240-300-10-2	Operator's manual for CB Mask:
Aug 88 w/C3	Combat Vehicle, M42
TM 3-4240-339-10 1 Feb 94	Operator's Manual for CB Mask: Field, M40 and M40A1 NOTE: This manual replaced TM 3-4240-300-10-1.
TM 3-4240-340-10	Operator's Manual for CB Mask:
25 Feb 94	Combat Vehicle, M42A1
TM 3-4240-343-10	Operator's Manual for CB Mask:
31 Mar 96	Combat Vehicle, M42A2
TM 3-4240-343-20&P 31 Jul 96	Unit Maintenance Manual for CB Mask: Combat Vehicle M42/M42A1/M42A2 NOTE: This manual is in the system as of Oct 96. This is a new manual that is replacing part of the old TM 3-4240-300-20&P, dtd Aug 94.

Field, M40/M40A1

The POC is Lenn Winter, Equipment Specialist, AMCPM-NNM-M DSN 584-2238, FAX: 584-2149, E-MAIL: lxwinter@cbdcom.apgea.army.mil

Unit Maintenance Manual for CB Mask:

NOTE: This manual will be out the end of Nov 96.

TM 3-4240-300-20&P, dtd Aug 94.

This manual is replacing the rest of the old

NOTE: THE FOLLOWING MESSAGE IS BEING REBROADCAST FOR EVERYONE'S INFORMATION.

UPGRADE OF M42/M42A1 CB PROTECTIVE MASKS TO THE M42A2 CONFIGURATION

R 011527Z NOV 96 FM CDR CBDCOM PMNBCDS APG MD //AMCPM-NNM-M// TO AIG 12266

BT

UNCLAS

SUBJECT: UPGRADE OF M42/M42A1 CB PROTECTIVE MASKS TO THE M42A2 CONFIGURATION

A. REFERENCE MESSAGE 121846Z AUG 96, SUBJECT: M40/M42 SERIES (UNIVERSAL) FACEPIECE, BREATHING ASSEMBLY AS A REPAIR PART.

- 1. THE PMNBCDS IS CURRENTLY DEVELOPING A PROGRAM TO BEGIN IN 1397 THAT WILL UPGRADE ALL M42 AND M42A1 CB PROTECTIVE MASKS TO THE LATEST CONFIGURATION, THE M42A2.
- 2. THIS FREE ISSUE UPGRADE PROGRAM WILL USE A FACEIECE REPLACEMENT CONCEPT. M42 USERS WILL RECEIVE A NEW UNIVERSAL FACEPIECE, DETACHABLE MICROPHONE, DETACHABLE HOSE, AND A -10 MANUAL. M42A1 USERS WILL RECEIVE A NEW UNIVERSAL FACEPIECE, DETACHABLE MICROPHONE, AND A -10 MANUAL. YOU WILL NEED TO KEEP ALL OTHER ACCESSORIES (HOOD, CARRIER, CANISTER CARRIER, ETC.) TO MARRY UP WITH THE COMPONENTS THAT WILL BE PROVIDED.
- 3. YOUR OLD M42/M42A1 FACEPIECES WILL NEED TO BE TURNED-IN IAW THE PROCEDURES IDENTIFIED IN THE REFERENCED MESSAGE. ENSURE THAT ALL FACEPIECE COMPONENT PARTS (MICROPHONE, MICROPHONE CABLE, VALVES, ETC.) ARE RETURNED WITH THE OLD FACEPIECE AS THESE ITEMS WILL BE RECLAIMED AT PINE BLUFF ARSENAL FOR USE AS PARTS OF THE UPGRADE EFFORT.
- 4. A FORMAL TPF WILL NOT BE CONDUCTED AS PART OF THE UPGRADE EFFORT. THE TERMS OF THE PROGRAM WILL BE DISCUSSED IN A FORMAL LON/MFA TO BE ISSUED TO THE GAINING COMMANDS IN THE UPCOMING COUPLE OF MONTHS. THE UPGRADE WILL BE CONDUCTED USING A PRIORITY ORDER THAT HAS BEEN PROVIDED TO THE PMNBCDS FROM DCSOPS. SPECIFIC UPGRADE DATES AND RECEIVING ORGANIZATIONS ARE EXPECTED TO BE COORDINATED AND PUBLISHED EARLY 1997.
- 5. IF YOU HAVE IMMEDIATE REQUIREMENTS, FOLLOW THE PROCEDURES IN THE REFERENCE MESSAGE; UNITS WILL NEED TO BUY UNIVERSAL FACEPIECES, DETACHABLE MICROPHONES, AND DETACHABLE HOSES (IF NECESSARY) TO REPLACE YOUR UNSERVICEABLE MASKS. SPARE PARTS STATUS FOR THE DETACHABLE HOSE IS CURRENTLY LOW, BUT WILL IMPROVE LATE 1Q97/EARLY 2Q97. THE PMNBCDS DOES NOT HAVE THE ASSET AVAILABILITY TO CONDUCT SPOT UPGRADES FOR UNITS AT THIS TIME. THE PRIORITY ORDER FROM DSCOPS WILL PROVIDE THE STRUCTURE FOR A TIMELY EXECUTION OF THIS PROGRAM ONCE ASSETS ARE AVAILABLE.
- 6. THE POCS FOR THE UPGRADE PROGRAM ARE MR. PALYA, AMCPM-NNM-M, DSN 584-6541 AND MR. L. WINTER, AMCPM-NNM-M, DSN 584-2238.

The POC is Lenn Winter, Equipment Specialist, AMCPM-NNM-M DSN 584-2238, FAX: 584-2149, E-MAIL: lxwinter@cbdcom.apgea.army.mil

CHEMICAL AGENT MONITOR (CAM) SCREW, SELF LOCKING, NSN 5305-01-386-6066

If you need a replacement of this item, don't order from the depot. This item is available from PM stock. Contact us, and we'll ship the screw to you at no charge.

The POC is Alonzo White, CAM Maintenance Manager, AMCPM-NNC DSN 584-6565, FAX 584-4029, E-MAIL: alwhite@cbdcom.apgea.army.mil

CHEMICAL AGENT MONITOR (CAM) WIPE TEST PROCEDURES

This is a reminder that all wipe test samples for the CAM are to be sent to the Rock Island Materials Lab for analysis and reporting. The correct mailing address follows:

Commander
Rock Island Arsenal
Building 210, 4th Floor
ATTN: SIORI-SEM (Radiation Swipe Samples)
Rock Island, IL 61299-5000

If you're waiting for results before performing CAM maintenance, mark the outer envelope as follows: "PLEASE EXPEDITE--MAINTENANCE SAMPLES." This notice will alert the lab to process your wipe tests immediately.

Remember to include your name, DSN phone number, and fax number so you can be sent the test results.

Due/overdue wipe test reports will be sent from LOGSA soon. Please don't wait for an overdue wipe test report to have the CAM's annual wipe test done!

The POC is Jean Salvator, CAM ILS Manager, AMCPM-NNC DSN 584-6513, FAX 584-4029, E-MAIL: jmsalvat@cbdcom.apgea.army.mil

CHEMICAL AGENT MONITOR (CAM) BATTERY ASSEMBLY TRAINING (BAT), NSN 6910-01-333-3631

Direct Support maintainers should insist that unit personnel provide the BAT with the CAM when a CAM is turned-in for maintenance. The BAT will aid in the operational checkout of the CAM and decrease the maintenance downtime.

Change 2 to TM 3-6665-331-10 incorrectly identifies the NSN for the BAT (-3681 instead of -3631). Please make a note in your TM. Change 3 will be published to correct this error.